

# AsyncRAT, Software S1087 | MITRE ATT&CK®

Archived: 2026-04-05 13:31:43 UTC

Domain	ID	Name	Use
Enterprise	<a href="#">T1622</a>	<a href="#">Debugger Evasion</a>	<a href="#">AsyncRAT</a> can use the <code>CheckRemoteDebuggerPresent</code> function to detect the presence of a debugger. <sup>[3]</sup>
Enterprise	<a href="#">T1568</a>	<a href="#">Dynamic Resolution</a>	<a href="#">AsyncRAT</a> can be configured to use dynamic DNS. <sup>[4]</sup>
Enterprise	<a href="#">T1564</a>	<a href="#">Hide Artifacts: Hidden Window</a>	<a href="#">AsyncRAT</a> can hide the execution of scheduled tasks using <code>ProcessWindowStyle.Hidden</code> . <sup>[3]</sup>
Enterprise	<a href="#">T1105</a>	<a href="#">Ingress Tool Transfer</a>	<a href="#">AsyncRAT</a> has the ability to download files over SFTP. <sup>[4]</sup>
Enterprise	<a href="#">T1056</a>	<a href="#">Input Capture: Keylogging</a>	<a href="#">AsyncRAT</a> can capture keystrokes on the victim's machine. <sup>[4]</sup>
Enterprise	<a href="#">T1680</a>	<a href="#">Local Storage Discovery</a>	<a href="#">AsyncRAT</a> can check the disk size through the values obtained with <code>DeviceInfo</code> . <sup>[3]</sup>
Enterprise	<a href="#">T1106</a>	<a href="#">Native API</a>	<a href="#">AsyncRAT</a> has the ability to use OS APIs including <code>CheckRemoteDebuggerPresent</code> . <sup>[3]</sup>
Enterprise	<a href="#">T1057</a>	<a href="#">Process Discovery</a>	<a href="#">AsyncRAT</a> can examine running processes to determine if a debugger is present. <sup>[3]</sup>

Domain	ID		Name	Use
Enterprise	<a href="#">T1053</a>	<a href="#">.005</a>	<a href="#">Scheduled Task/Job: Scheduled Task</a>	<a href="#">AsyncRAT</a> can create a scheduled task to maintain persistence on system start-up. <a href="#">[3]</a>
Enterprise	<a href="#">T1113</a>		<a href="#">Screen Capture</a>	<a href="#">AsyncRAT</a> has the ability to view the screen on compromised hosts. <a href="#">[4]</a>
Enterprise	<a href="#">T1033</a>		<a href="#">System Owner/User Discovery</a>	<a href="#">AsyncRAT</a> can check if the current user of a compromised system is an administrator. <a href="#">[3]</a>
Enterprise	<a href="#">T1125</a>		<a href="#">Video Capture</a>	<a href="#">AsyncRAT</a> can record screen content on targeted systems. <a href="#">[4]</a>
Enterprise	<a href="#">T1497</a>	<a href="#">.001</a>	<a href="#">Virtualization/Sandbox Evasion: System Checks</a>	<a href="#">AsyncRAT</a> can identify strings such as Virtual, vmware, or VirtualBox to detect virtualized environments. <a href="#">[3]</a>

---

Source: <https://attack.mitre.org/software/S1087>